

/ Perfect Welding / Solar Energy / Perfect Charging



ACCUPOCKET 150/400

Arc stability without a power supply

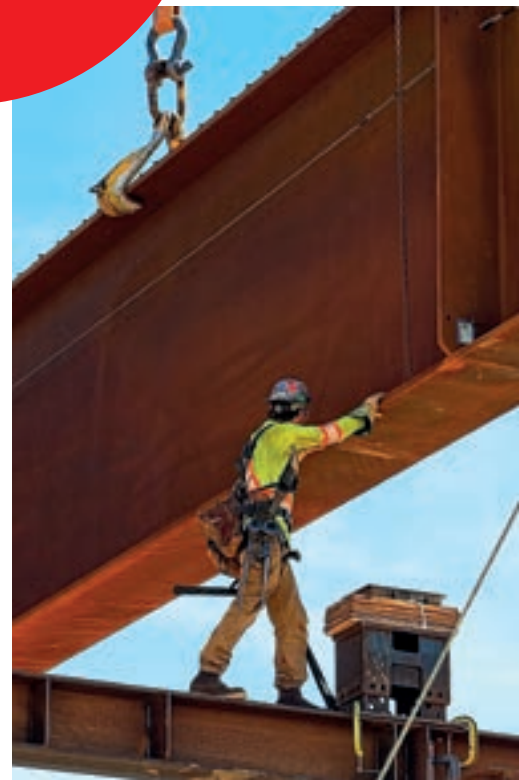


NO ARC STABILITY WITHOUT A GRID CONNECTION? NO PROBLEM!

What will the conditions be like when welding on site? Will the grid connection there be sufficient for the power source? Thanks to AccuPocket, these concerns will now be a thing of the past. With its battery mode, AccuPocket offers you a welding process that is completely independent from the grid. With conventional solutions, costly grid leads or a heavy, noisy generator are often required at the welding site – neither of which constitute ideal conditions for a welder. This is where AccuPocket can help.

What's your
welding challenge?

Let's get connected.



ADVANTAGES OF THE ACCUPOCKET



THREE DIFFERENT OPERATING MODES

- / Up to 18 electrodes (2.5 mm) with a battery charging in battery mode
- / Generator-powered operation (2 kVA is sufficient)
- / Stable arc for simultaneous charging and welding in hybrid mode

MOBILE AND ROBUST

- / Integrated battery
- / 11 kg overall weight (without charger)
- / Robust design for use in challenging conditions
- / TIG version with additional functions available



INCREASED ARC STABILITY THANKS TO BATTERY TECHNOLOGY

- / Easy electrode ignition due to high short-circuit currents
- / Welding voltage independent of state of charge, no arc break
- / Rutile, basic, CEL and special electrodes
- / 6 x 3.25 mm or 18 x 2.5 mm electrodes for full battery charging or 130 cm TIG weld seam at 150 A

SAFE, HIGH-POWER BATTERY MEETS WELDING TECHNOLOGY

- / LiFePo₄, 400 Wh
- / No Memory Effect
- / Low self discharge
- / Voltage monitoring for all battery cells
- / Protection from overcharging, deep discharge and overheating
- / Rapid charging in 30 minutes (80% performance)



TECHNICAL DATA

	AccuPocket
Nominal voltage of rechargeable battery	52.8 V
Charging current during normal charging	10 A
Charging current during rapid charging	18 A
Battery capacity	396 Wh
Battery type	Lithium ion
Welding current range	
Electrode DC	10–140 A
TIG DC	3–150 A
Welding current in hybrid mode	18% DC, 140 A
Manual metal arc welding at 40°C (104°F)	25% DC, 100 A 100% DC, 40 A
Welding current in hybrid mode	25% DC, 150 A
TIG welding at 40°C (104°F)	50% DC, 100 A 100% DC, 65 A
Open circuit voltage	90 V
Reduced open circuit voltage	15 V
Degree of protection	IP 23
Type of cooling	AF
Marks of conformity	CE, S
Dimensions l/w/h	435 x 160 x 310 mm

	Active Charger 1000/230	Active Charger 1000/120
Grid voltage	- 230 V AC, ±15%	- 120 V AC, ±5%
Grid frequency	50/60 Hz	
Mains current	max. 9.5 A eff.	max. 16 A eff.
Mains fuse	max. 16 A	max. 20 A
Efficiency	max. 95%	max. 93.5%
Effective power	max. 1100 W	
Power consumption (standby)	max. 2.4 W	max. 1.7 W
Protection class	I (with ground conductor)	
Max. approved grid impedance at the interface (PCC) with the public grid	None	
EMC device class	A	
Marks of conformity	CE	
Output voltage	30–58 V DC	
Output current	Max. 18 A DC	
Output power	max. 1040 W	max. 1025 W
Cooling	Convection and fan	
Dimensions l/w/h	270 x 168 x 100 mm	
Weight (without cable)	approx. 2 kg	
Degree of protection	IP43S	
Overvoltage category	II	
Device is only permitted to be operated on grids that are grounded at the neutral point.		

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THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 4,550 employees worldwide and 1,241 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

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